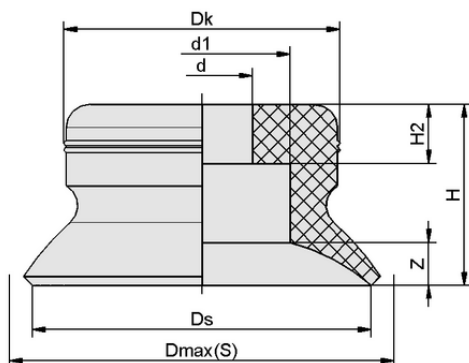




PFG 40 HT1-60 N007

## Technical data

| Attribute                   | Value                         |
|-----------------------------|-------------------------------|
| Suction cup material        | High temperature material HT1 |
| Material hardness [Shore A] | 60.0 Shore A                  |
| Size                        | 40.00                         |
| Material property           | non-marking                   |



Design data PFG 40 HT1-60 N007

## Design data

| Attribute            | Value    |
|----------------------|----------|
| Height H2            | 7.00 mm  |
| Height H             | 14.00 mm |
| Head diameter Dk     | 24.3 mm  |
| Internal diameter d1 | 11.0 mm  |
| Internal diameter d  | 6.00 mm  |
| Spring stroke Z      | 3.5 mm   |
| Diameter Ds          | 40.0 mm  |
| Diameter Dmax(S)     | 43.0 mm  |

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

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**Technical data**

| Attribute                      | Value                         |
|--------------------------------|-------------------------------|
| Nipple family                  | N 007                         |
| Suction cup material           | High temperature material HT1 |
| Material hardness [Shore A]    | 60.0 Shore A                  |
| Workpiece radius min. (convex) | 50.0 mm                       |
| Suction force (-600mbar)       | 57.70 N                       |
| Weight                         | 7.6 g                         |
| Volume                         | 3.912 cm <sup>3</sup>         |
| Size                           | 40.00                         |
| Product family                 | PFG                           |

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner diameter: The recommended hose diameter refers to a hose length of approx. 2 m

**Further documentation**

CAD data and other documents relating to the article can be found at: [www.schmalz.com/10.01.01.11167](http://www.schmalz.com/10.01.01.11167)

**Ordering Data Accessories 10.01.01.11167**

| Typ                           |                           | Item number    |
|-------------------------------|---------------------------|----------------|
| Suction cup connection nipple | SA-NIP N007 G1/8-AG DN240 | 10.01.01.03531 |
| Suction cup connection nipple | SA-NIP N007 G1/8-IG DN350 | 10.01.01.03523 |
| Suction cup cover             | SU 40                     | 10.01.01.12856 |

